

PERMIT APPLICATION: NRS 03.225

APPLICANT: Cane Creek Watershed District
301 Lake Drive
Ripley, Tennessee 38063
731-635-7686

LOCATION: Nelson Creek, tributary to Cane Creek in Ripley, Lauderdale County

WATERSHED DESCRIPTION: Nelson Creek was re-channeled in 1970 as a component of the Natural Resource Conservation Service, Cane Creek flood prevention project, under the Watershed Protection and Flood Prevention Act of 1954 (PL566). The channel was constructed with a 10 foot bottom width, 2:1 side slopes, and lined with riprap to the top of bank. Nelson Creek is listed as fully supporting by the division. The receiving waters, Cane Creek, is listed as partially supporting because of elevated nutrients and bacteria.

PROJECT DESCRIPTION: The proposed work involves the mechanical removal of woody vegetation from the sloped riprap banks of the constructed channel. Larger trees along the top bank that have established since the channel was constructed would not be removed except where equipment operation dictates. The primary objective is to remove the black willows and other low growth woody vegetation that have established in the lower channel banks in soils deposited on and overlying the riprap. Approximately 14,500 linear feet (2.74 miles) of stream channel would be affected. The proposed means of vegetation removal is to be primarily by track-hoe. The watershed district states that as project sponsor it has an obligation to maintain the work to its as-built design.

PERMIT COORDINATOR: Robby Baker

USGS TOPOGRAPHIC QUADRANGLE: Ripley North

